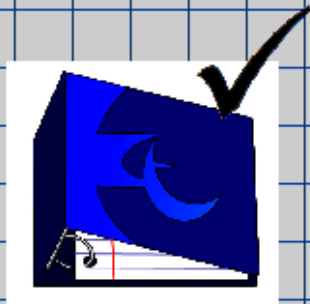


# Grab your ISN and **HAVE A SEAT**



We will be working on pgs  
25-26 AND 32 today.



pg 25 AHAs

### Waves

What are the major parts of a standard wave?

What are the different types of wave?

How do waves travel?

### Force and Motion

What is the difference between speed and velocity?

How can you demonstrate the effect of force on motion?

How did Newton explain motion?

AHAs

pg 26

Explain how each of Newton's laws apply to objects in m

### Simple Machines


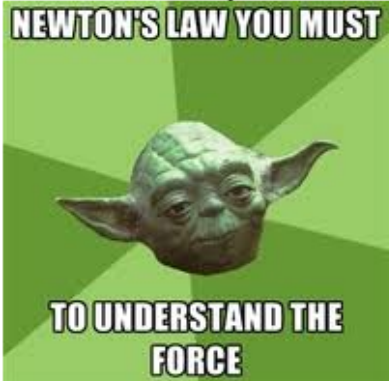
What are the different types of Simple Machine?

How does the use of a simple machine affect the amount of force necessary to complete a task?

# Newton's Laws p 32

Newton's 1st Law	Newton's 2nd Law	Newton's 3rd Law

# Newton's Laws Page 32

Newton's 1st Law	Newton's 2nd Law	Newton's 3rd Law
<p><b>Law of Inertia</b></p> <p>Objects at rest stay at rest</p> <p>Objects in motion stay in motion</p> <p>Unless acted on by an outside force.</p>	<p>To move a mass you need a force.</p> <p><math>F = ma</math></p> <p>Force = mass x acceleration</p> <p><i>May the (ma) be with you!</i> <i>Get it? Get it?</i></p>  	<p><b>Action/Reaction</b></p> <p>For every action there is an equal and opposite reaction.</p>

Pg 31 ISN

Why does a bicycle stop when you stop pedaling?

On the video clip, which Newton's law is being shown?